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	Form PTO 1595 ECORDATION FORM C	COVER SHEET S. DEPARTMENT OF COMMERCE Patent and Trademark Office
	PATENTS OF	NLY
	To the Honorable Commissioner of Patents and Trademarks: I	
1.	Name of conveying party(yes):  EXECUTION DATE	Name and address of receiving party(ies):
	Andres Fernandez April 26, 2002 Marian Mankos May 16, 2002	Name: Applied Materials, Inc.
	Jeffrey S. Sullivan April 23, 2002 Paul C. Allen April 29, 2002	Internal Address: Legal Affairs Department - M/S 2061
	Paul C. Alleli April 29, 2002	Street Address: 3050 Bowers Ave.
Ad	ditional name(s) of conveying Part(ies) attached? No	City: Santa Clara State: CA Zip: 95054
		Additional Name(s) & Address(es) attached? No
3.	Nature of conveyance;  X Assignment Merger Security Agreement Change of Name Other	175-110-110-110-110-110-110-110-110-110-11
	Execution Date: See Above	
4.	Application number(s) or patent number(s):	
	If this document is being filed together with a new application,	the execution date of the application is:
	A. Patent Application No.(s)	B. Patent No.(s)
	10/055,869	
	Filed: January 22, 2002	
-	Additional Numbers att Name and address of party to whom correspondence	
5.	concerning this document should be mailed:	6. Total number of applications and patent involved: 1
	Name: PATENT COUNSEL	
	Internal Address: Applied Materials, Inc.	7. Total Fee (37 CFR 3.41) . \$40.00
	Legal Affairs Department - M/S 2061	X Authorized to be charged to deposit account
	Street Address: P. O. Box 450A City: Santa Clara State: CA Zip: 95052	
		8. Deposit Account Number:
		(Attach duplicate copy of this page if paying by deposit account)
	Do Not Use	
9.	Statement and signature.	

To the best of my knowledge and belief, the foregoing information is true and any attached copy is a true copy of the original document.

10.

Robert W. Mulcahy, Reg. No. 25,436

Name of Person Signing

Signature

Total number of pages comprising cover sheet, attachments, and document:

#### WHEREAS:

### Names and Addresses of Inventors:

1)	Andres Fernandez 6522-C Cottonwood Circle Dublin, CA 94568 United States	2)	Marion Mankos 333 Presidio Ave #3 San Francisco, CA 94115 United States
3)	Jeffrey S. Sullivan 2321 Webster Street Berkeley, CA 94705 United States	4)	Paul C. Allen 10500 SW 16 Ct. Beaverton, OR 97007 United States

(hereinafter referred to as Assignors), have invented a certain invention entitled:

# ELECTRON BEAM LITHOGRAPHY SYSTEM HAVING IMPROVED ELECTRON GUN

for which application for Letters Patent in the United States was filed on January 22, 2002, under Serial No. 10/055,869, executed on even date herewith; and

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as the Application), and the invention disclosed therein (hereinafter referred to as the Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as the Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

- 1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.
- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for

- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

1)	4/26 ,2002	Andres Fernandez
2)	, 2002	Marion Mankos
3)	, 2002	Jeffrey S. Sullivan
4)	, 2002	Paul C. Allen

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1)		_, 2002		
			Andres Fernandez -	
2)	May 16	_, 2002	Sharfur	
	0		Marion Markos	
3)		_, 2002		
	•		Jeffrey S. Sullivan	
4)		_, 2002		
,			Paul C. Allen	_

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	Andres Fernandez
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·	Marion Mankos
3)	4/23, 2002 Albert & All
	Jeffey S. Sullivan
4)	, 2002
٠,	Paul C. Allen

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	Andres Fernandez
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	Marion Mankos
3)	. 2002
,	Jeffrey S. Sullivan
4)	April 29, 2002 Paul Caller
	Paul C Allen